

What is claimed is

1. A mobile phone comprising a housing comprised of a pair of front and back casings, the front casing having a display device and a plurality of keys;

5 power source means disposed in said housing; and  
a heating circuit, which comprises a line to be heated thorough connection with said power source, the heating circuit having a thermostat and an out-operable switch which are connected therein, the heated line being arranged between the distal and proximal portions of  
10 the back casing.

2. The mobile phone in claim 1, wherein the heated line of said heating circuit has a meandrous arrangement.

15 3. The mobile phone in claim 1, wherein the back casing comprises aluminum alloy.

4. The mobile phone in claim 1,  
wherein the heated line of said heating circuit has a meandrous  
20 arrangement, and  
wherein the back casing comprises aluminum alloy.

25 5. A mobile phone comprising a housing comprised of a pair of front and back casings, the front casing having a display device and a plurality of keys;

power source means disposed in said housing; and  
a heating circuit, which comprises a line to be heated through

connection with said power source means, the heating circuit having a thermostat and a out-operable switch which are connected therein, the heated line being arranged between the distal and proximal portions of the back casing,

5       wherein said housing has separation of distal and proximal housing parts extending from respectively, a point substantially intermediate thereof to respective distal and proximal ends of the mobile phone, a point between the trailing end of said distal housing part and the leading end of said proximal housing part has connecting means for  
10      connecting said distal housing part pivotable thereabout to said proximal housing part pivotable thereabout so that said housing has fold thereabout, a part of said heating circuit has a meandrous arrangement , which is at the back casing of said proximal housing, and each of said thermostat and out-operable switch of said heating circuit is at the back  
15      casing of said distal housing part.

6.      The mobile phone in claim 5, wherein the back casing comprises aluminum alloy.

20     7.      The mobile phone in claim 5, wherein said connecting means is hinge means that it connects said distal and proximal housing parts pivotable thereabout, and is provided at the opposite ends of respective distal and proximal housing parts to each other, the heated line on the side of said distal housing part having connection with the heating line  
25      on the side of said proximal housing through at least one conductive element at said hinge means

8. A mobile phone comprising a housing comprised of a pair of front and back casings, the front casing having a display device and a plurality of keys;

power source means disposed in said housing; and

5 a heating circuit, which comprises a line to be heated through connection with said power source means, the heating circuit having a thermostat and an out-operable switch which are connected therein, the heating circuit being arranged between the distal and proximal portions of the back casing,

10 wherein said housing has separation of distal and proximal housing parts extending from respectively, a point substantially intermediate thereof to respective distal and proximal ends of the mobile phone so that it can fold, and

wherein the distal and proximal housing parts couple with each 15 other through hinge means at the point substantially intermediate of the mobile phone that it is unfolded, the hinge means being opposingly provided on each of the distal and proximal housing at respective trailing and leading ends thereof, said heated line on the side of said distal housing part having connection with said heated line on the side 20 of said proximal housing part through at least one conductive element provided at the position of the said hinge means.

9. The mobile phone in claim 8, wherein a part of the heated line in said heating circuit has a meandrous arrangement.

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10. The mobile phone in claim 9, wherein the back casing comprises aluminum alloy.

11. The mobile phone in claim 9, wherein the heated line of said heating circuit has a partial meandrous arrangement, and wherein the back casing comprises aluminum alloy.

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